

CLAIMS

We claim:

1. Disk (1, 11) for a force transmitting aggregate, in particular for a wet disk clutch,
 - 5 - with a core plate (2, 12) exhibiting a front side (V) and a backside (R), wherein
 - the front side (V) and/or the backside (R) is provided with a friction lining (3v, 3r, 13v),
 thereby characterized, that
 - 10 - the friction lining (3v, 3r, 13v) exhibits an essentially planar surface (O_{3v} , O_{3r} , O_{13v}), and that
 - the friction lining (3v, 3r, 13v) exhibits at least one area (6) of the surface which is raised in comparison to the planar surface (O_{3v} , O_{3r} , O_{13v}).
- 15 2. Disk (1, 11) according to Claim 1, thereby characterized, that the raised surface area (6) is formed unitarily with the remaining friction lining (3v, 3r, 13v).
- 20 3. Friction plate (1, 11) according to one of the preceding claims, thereby characterized, that the raised surface area (6) is an area (6) of the surface of the friction lining (3v, 3r, 13v) surrounded by one or more grooves (4a, 4b, 5a, 5b, 5c, 14a, 14b, 15a, 15b, 15c).
- 25 4. Disk (1, 11) according to one of Claims 1 through 3, thereby characterized, that at least the raised surface area (6) of the friction lining (3v, 3r) exhibits a greater thickness ($d+\Delta d$) than the remaining areas.
- 30 5. Disk (1, 11) according to Claim 4, thereby characterized, that the friction lining (3v, 3r), with the exception of the raised area (6) of the

surface as well as the grooves (4a, 4b, 5a, 5b, 5c), exhibits an essentially uniform thickness (d), and in the raised area (6) of the surface exhibits a thickness ($d + \Delta d$) deviating from this uniform thickness (d).

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6. Disk (1, 11) according to one of the preceding claims, thereby characterized, that the core plate (2, 12), at least in the raised area (6) of the surface of the friction lining (3v, 3r, 13v), exhibits a greater thickness than in the remaining areas.

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7. Disk (1, 11) according to one of the preceding claims, thereby characterized, that the core plate (12) is deformed, thereby forming a raised surface area (6, 16).

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8. Disk (1, 11) according to one of the preceding claims, thereby characterized, that the friction lining (3v, 3r, 13v) exhibits an elastic or spring characteristic.

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9. Disk (1, 11) according to one of the preceding claims, thereby characterized, that at least the raised surface area (6) of the friction lining (3v, 3r, 13v) exhibits a spring characteristic.

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10. Disk (1, 11) according to one of the preceding claims 1 or 3 through 9, thereby characterized, that the friction lining (3v, 3r, 13v) is formed of multiple component pieces.

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11. Disk (1, 11) according to Claim 10, thereby characterized, that the at least one raised surface area (6) is formed in the manner of a spacer introduced or incorporated into the friction lining (3v, 3r, 13v).

12. Disk (1, 11) according to one of the preceding claims, thereby characterized, that the at least one raised surface area (6) is formed as a flat plateau, a bowed curve, or a cone.
- 5 13. Disk (21) for a force transmitting aggregate, in particular for a wet disk clutch,
- with a core plate (2, 12) exhibiting a front side (V) and a backside (R), wherein
 - the front side (V) and/or the backside (R) exhibits a friction lining
- 10 (3v, 3r, 13v),
- thereby characterized, that the surface of the friction lining (32v) expands or contracts essentially continuously in the radial direction.
14. Disk (21) according to Claim 13, thereby characterized, that the
- 15 thickness of the friction lining (32v) increases conically from outside towards inside or increases from outside towards inside.
15. Friction lining (3v, 3r, 13v, 23v) for a disk plate (1, 11, 21) according to one of the preceding claims.